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Upon examination, it is evident that claims 29-50 inclusive are all dependent claims. Claims 29, 46, 47, 48 and 50 are herein amended to recite the limitations of base claim 21. As a result, claims 29-50 are in condition for allowance.

The Examiner is respectfully requested to telephone the undersigned should any questions remain concerning these submissions.

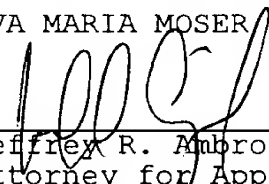
Favorable action and allowance is courteously solicited.

If any fees are required in connection with this case, it is respectfully requested that they be charged to Deposit Account No. 02-0184.

Respectfully submitted,

EVA MARIA MOSER

By

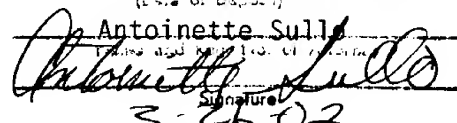

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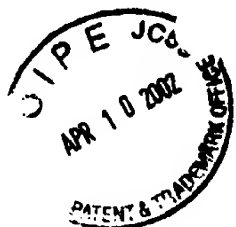
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Date: March 26, 2002

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AMENDED CLAIMS

29. (Amended) [Process according to claim 21,] Process
which comprises: coating substrates with a polar coating,
wherein the coating takes place by means of plasma
polymerization; including the step of employing a water-free
process gas which contains at least one substituted hydrocarbon
compound with up to a maximum of 8 C-atoms and also an inorganic
gas, to produce a coating which is stable in the long term; and
including the step of coating a substrate with 2 to 4 gases of
the following: CO₂, CH₄, O₂, C₂H₂, NH₃ and Ar.

46. (Amended) [Process according to claim 21,] Process
which comprises: coating substrates with a polar coating,
wherein the coating takes place by means of plasma
polymerization; including the step of employing a water-free
process gas which contains at least one substituted hydrocarbon
compound with up to a maximum of 8 C-atoms and also an inorganic
gas, to produce a coating which is stable in the long term; and
including the step of providing that the polar coating has an
initial surface tension of < 45 mN/m, which remains unchanged
for at least one year.

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47. (Amended) [Process according to claim 21,] Process
which comprises: coating substrates with a polar coating,
wherein the coating takes place by means of plasma
polymerization; including the step of employing a water-free
process gas which contains at least one substituted hydrocarbon
compound with up to a maximum of 8 C-atoms and also an inorganic
gas, to produce a coating which is stable in the long term; and
including the step of coating at least one of polymer flexible
substrates, polymer substrates reinforced with ceramic fibers,
glass fibers, polymer fibers and carbon fibers, and powder- or
granulate-formed substrates, and producing one of a polar film
and a polar molded body.

48. (Amended) [Process according to claim 21,] Process
which comprises: coating substrates with a polar coating,
wherein the coating takes place by means of plasma
polymerization; including the step of employing a water-free
process gas which contains at least one substituted hydrocarbon
compound with up to a maximum of 8 C-atoms and also an inorganic
gas, to produce a coating which is stable in the long term; and
including the step of coating at least one of packing materials
and substrates for adhesion of composite materials.

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50. (Amended) [Process according to claim 21,] Process
which comprises: coating substrates with a polar coating,
wherein the coating takes place by means of plasma
polymerization; including the step of employing a water-free
process gas which contains at least one substituted hydrocarbon
compound with up to a maximum of 8 C-atoms and also an inorganic
gas, to produce a coating which is stable in the long term; and
including the step of coating at least one of ceramic and metal
substrates.